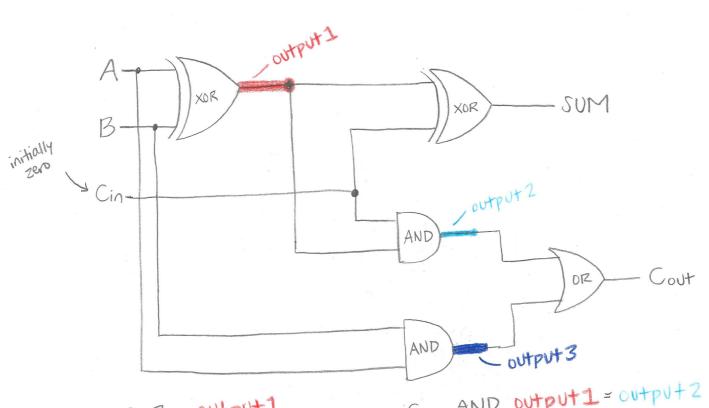# Full Adder

A XOR B = output1
Cin XOR output1 = SUM

Cin AND output1 = output2
A AND B = output3
output2 OR output3 = Cout